## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"10849571" 10/849571	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:32
L2	197	(Weidong with Zhu) (Guangyao with Xu) (Nengan with Zheng) (Benjamin with Emory) (Chun with Wong)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:35
L3	2774	university with maryland	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:35
L4	2970	123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:45
L5	55683	(determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:46
L6	64	4 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 10:46
L7	1	"20030013541".pn.	US-PGPUB	OR	ON	2010/02/23 10:55
L10	8	10/037701 "10/037701"	US-PGPUB; USPAT; DERWENT	OR	ON	2010/02/23 10:56
L11	2	("6915695").URPN.	USPAT	OR	ON	2010/02/23 10:57

L12	22	("1953916"   "20010027137"   "3992933"   "4122593"   "4122593"   "4122593"   "4189595"   "4517843"   "4558863"   "4692504"   "4958834"   "5040279"   "5379641"   "5429008"   "5478073"   "5571552"   "5771552"   "5770815"   "5771552"   "6183375"   "6250168"   "6183375"   "6250168"   "6415502"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/23 10:57
L13	27	("5520052").URPN.	USPAT	OR	ON	2010/02/23 11:00
L14	13	("3482436"   "3815407"   "4031744"   "4342229"   "4526465"   "4641527"   "4723448"   "4823601"   "4824250"   "4928527"   "5227982"   "5402781").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/23 11:02
L15	3039	1 2 3 7 10 11 12 13 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:05
L16	642	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility)) and ((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (structure)) and (vibrat\$3 with structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:06
L17	4	15 and 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:06
L18	21	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3 ayint (stiff stiffness flexural flexibility) and ((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (structure)) and (vibrat\$3 with structure) and (perturbat\$3)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:08

L19	***************************************	((determin\$5 estimat\$3 calculat\$5 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) and ((determin\$5 estimat\$5 calculat\$3 comput\$5 evaluat \$3) with (structure)) and (vibrat\$3 with structure) and (perturbat\$3 with structure) stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	00 	2010/02/23
L20	3	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3 owin (stiff stiffness flexural flexibility)) and ((determin\$5 estimat\$3 calculat\$3 owint (structure)) and ((vibrat\$3 with structure) and (perturbat\$3 with structure) and (perturbat\$5 with (stiff estiffness flexural flexibility)) and ((damage damag\$3) with (location position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:15
L21	768	702/54,56.cals.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	MON MANAGEMENT	2010/02/23 11:23
L22	2157	73/579.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:23
L23	2865	21 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:23
L24	117	23 and @pd>="20090422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:24
L25	2096	702/33-36,41.cdls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:28

L26	1291	73/581,584,598,651.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:28
L27	9070	1 2 3 7 10 11 12 13 14 21 22 25 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:29
L28	2022	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:29
L29	76	27 and 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:29
L30	15	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3,3) with (stiff stiffness flexural flexibility) with frequency) and ((determin\$5 estimat\$5 calculat\$3 comput \$5 evaluat\$3) with ((damage defect flaw damag\$3) with ((location position))	US-PCPUB; USPAT; USOCR; FPRS; EFO; JPO; DERWENT; IBM_TDB	OR	O N	2010/02/23 12:18
L31	2	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3.9) with (stiff stiffness flexural flexibility) with frequency) and ((determin\$5 estimat\$3 calculat\$3 comput \$5 evaluat\$3) with (damage defect flaw damag\$3) with ((location position) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EDETWENT; IBM_TDB	OR	O O	2010/02/23 12:24
L32	· O	((((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat\$3 somput\$5 evaluat\$3 with (stiff stiffness flexural flexibility) with frequency) and ((determin\$5 estimat\$3 calculat\$3 comput \$5 evaluat\$3) with (damage detect flaw damag\$3) with (location position) with (stiff stiffness flexural flexibility))), clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEHWENT; IBM_TDB	OR	ON	2010/02/23 12:24

L33	17	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and (iterat\$5 with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:27
L34	385	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and ((equation formula) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:30
L35	16	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and ((equation formula) with (stiff stiffness flexural flexibility)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:30
L36	9	(((determin\$5 estimat\$3 calculat\$5 comput\$5 evaluat \$5.0) with (stiff stiffness flexural flexibility) with frequency) and (iterat\$5 with (stiff stiffness flexural flexibility)) and ((equation formula) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EFO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/02/23 12:32
L37	3	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and (tlerat\$5 with (stiff stiffness flexural flexibility)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:33
L38	16	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and (perturbat\$3 with (stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:38
L39	476	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and ((order second-order) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:39

L40	28	[((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and iterat\$3 and ((order second-order) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:39
L41	7	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and iterat\$3 and (((second adj order) second-order) with (stiff stiffness flexural flexibility))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	O N	2010/02/23 12:42
L42	2	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility) with frequency) and iterat\$3 and ((order second-order) with (stiff stiffness flexural flexibility))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:43
L43	3312	((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility)) and (impact with (device apparatus system unit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	····ON	2010/02/23 12:47
L44	187	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3) with (stiff stiffness flexural flexibility)) and (impact with (device apparatus system unit)) and (vibrat\$3 with structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:48
L45	192	(((determin\$5 estimat\$3 calculat\$3 comput\$5 evaluat \$3 owin (stiff stiffness flexural flexibility)) and ((force impact) with (device apparatus system unit)) and (vibrat\$3 with structure) and (signal with generat\$3) and ((force impact) with (apply \$3 exert exert\$3 applicat \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/02/23 12:55
L46	144	45 not(44)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 12:55

L47	4	(((determin\$5 estimat\$3 calculat\$5 compul\$5 evaluat \$3) with (stiff stiffness flexural flexibility)) and ((force impact) with (device apparatus system unit)) and (vibrat\$3 with structure) and (signal with generat\$3) and ((force impact) with (apply \$3 exert exert\$3 applicat \$3))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	SOON	2010/02/23 13:00
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